# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L2 | 320 | (map$4 translat$3 conver $4) near5 (data information) same (new second different) with (form$2) same (updat$3) with (new$2 created) with (record entry file data) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:39 |
| L3 | 177 | (map$4 translat$3 conver $4) near5 (data information) same (new second different) near5 (form$2) same (updat$3) with (new$2 created) with (record entry file data) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:40 |
| L4 | 72 | l3 and ("705".clas. "345". clas. "707".clas.) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:41 |
| L5 | 74 | l3 and ("705".clas. "345". clas. "707".clas. "715". clas.) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:41 |
| L6 | 44 | ("20010011245" \| "20020007343" \| "20020023004" \| "20020035488" \| "20020040313" \| "20020040339" \| "20020095456" \| "20020123983" \| "20020188513" \| "20030071852" \| "20030131018" \| "20030163603" \| "20040034661" \| "20040093351" \| "20040122826" \| "20040162773" \| "20050091249" \| "20070033531" \| "20070214020" \| "20070226037" \| "20070226093" \| "20070250408" \| | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:41 |

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|---|---|---|---|---|---|---|
| | | "5220500" \| "5349643" \| "5699527" \| "5724575" \| "5806075" \| "5930764" \| "5953710" \| "6032136" \| "6053947" \| "6233566" \| "6341289" \| "6792431" \| "6826568" \| "6898783" \| "6944514" \| "6996776" \| "7111010" \| "7133882" \| "7139766" \| "7143100" \| "7257594" \| "7337192"). PN. | | | | |
| L7 | 6 | ("5619685" \| "5848415" \| "6199068" \| "6708166" \| "6728933").PN. OR ("7337192").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:41 |
| L8 | 55 | ("4751740" \| "5119465" \| "5206951" \| "5210824" \| "5339434" \| "5410675" \| "5428737" \| "5446880" \| "5524253" \| "5557790" \| "5574904" \| "5634124" \| "5701423" \| "5706434" \| "5708828" \| "5715397" \| "5781902" \| "5781911" \| "5794039" \| "5794234" \| "5842213" \| "5848415" \| "5870746" \| "5873049" \| "5884310" \| "5911776" \| "5926810" \| "5933837" \| "5937409" \| "5970490" \| "6014670" \| "6038565" \| "6061688" \| "6092099" \| "6098128" \| "6101556" \| "6141663" \| "6148307" \| "6151608" \| "6167405" \| "6208345" \| "6222533" \| "6301584" \| "6339775" \| "6366921" \| "6615220" \| "6636861").PN. OR ("7257594").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:41 |

| L9 | 34 | ("20010026272" \| "20030004925" \| "5471399" \| "5671342" \| "5762432" \| "5819042" \| "5821937" \| "5831610" \| "5889954" \| "5904727" \| "5910803" \| "5930779" \| "5933597" \| "5978804" \| "5991759" \| "6023699" \| "6075530" \| "6098050" \| "6169987" \| "6342906" \| "6480194" \| "6487604" \| "6724382" \| "6772204" \| "6909700" \| "6983227"). PN. OR ("7143100"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:41 |
|----|----|---|---|---|---|---|
| L10 | 12 | ("20010023414" \| "5784562" \| "5974371" \| "6199068" \| "6282537" \| "6549906" \| "6711585"). PN. OR ("7139766"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:41 |
| L11 | 62 | ("20020023001" \| "20020042739" \| "20020107819" \| "20020116348" \| "20020123930" \| "20020198794" \| "20030110072" \| "20030177103" \| "3017610" \| "4744026" \| "5063506" \| "5117354" \| "5212791" \| "5249120" \| "5299115" \| "5377095" \| "5459656" \| "5521813" \| "5615109" \| "5694551" \| "5712985" \| "5732401" \| "5765143" \| "5790643" \| "5799286" \| "5822736" \| "5873069" \| "5878400" \| "5918209" \| "5933813" \| "5987425" \| "6009407" \| "6029139" \| "6032123" \| "6032125" \| "6044357" \| "6052686" \| "6078893" \| "6094641" \| "6125355" \| "6134534" \| "6173345" \| "6202070" \| "6205431" \| "6308162" \| "6341268" \| "6341269" \| "6397193" \| "6405175" \| "6456986" \| "6546387" \| "6553352" \| "6684193" \| "6697824" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:41 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | "6725208" \| "6731998" \| "6735572" \| "6826538" \| "6910017" \| "6934931" \| "6965867").PN. OR ("7133882").URPN. | | | | |
| L12 | 38 | ("4965758" \| "4972504" \| "5036314" \| "5168445" \| "5191522" \| "5261041" \| "5299115" \| "5546576" \| "5615109" \| "5659724" \| "5701460" \| "5715450" \| "5717835" \| "5721903" \| "5758355" \| "5787437" \| "5794246" \| "5806061" \| "5822743" \| "5832503" \| "5854746" \| "5870746" \| "5873096" \| "5893075" \| "6012152" \| "6044374" \| "6049821" \| "6064375" \| "6151601" \| "6154213" \| "6823299").PN. OR ("7111010").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:41 |
| L13 | 59 | ("5671428" \| "5793368" \| "5802530" \| "5933140" \| "5953731" \| "5987466" \| "6021202" \| "6085196" \| "6182029" \| "6353840" \| "6389385" \| "6466940" \| "6519597" \| "6535896" \| "6565609").PN. OR ("6996776").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:41 |
| L14 | 6 | ("5109337" \| "5355317" \| "5646862" \| "5754738" \| "5822206" \| "6445974"). PN. OR ("6944514"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |
| L15 | 75 | ("20020023261" \| "20020092004" \| "4367525" \| "4542458" \| "4665478" \| "5257371" \| "5265250" \| "5305389" \| "5327559" \| "5485610" \| "5584035" \| "5644770" \| "5655150" \| "5675739" \| "5680617" \| "5692215" \| "5694601" \| "5706505" \| "5710920" \| "5721900" \| "5721901" \| "5721912" \| "5724556" \| "5732257" \| "5751909" \| "5758349" \| "5764958" \| "5809266" \| "5835758" \| "5842213" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |

| | | "5848145" \| "5850548" \| "5850631" \| "5864862" \| "5872969" \| "5872971" \| "5884081" \| "5892917" \| "5893105" \| "5901319" \| "5903897" \| "5907847" \| "5911075" \| "5913061" \| "5915253" \| "5920718" \| "5924109" \| "5946682" \| "5946694" \| "5956506" \| "5964828" \| "5966535" \| "5970498" \| "5974443" \| "5987242" \| "5991535" \| "6003037" \| "6014637" \| "6063128" \| "6208345" \| "6336118" \| "6385769" \| "6473748" \| "6477527"). PN. OR ("6898783"). URPN. | | | | |
|---|---|---|---|---|---|---|
| L16 | 41 | ("6397166").PN. OR ("6826568").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |
| L17 | 58 | ("4751740" \| "5119465" \| "5206951" \| "5210824" \| "5339434" \| "5410675" \| "5428737" \| "5446880" \| "5524253" \| "5557790" \| "5574904" \| "5634124" \| "5701423" \| "5706434" \| "5708828" \| "5715397" \| "5781902" \| "5781911" \| "5794039" \| "5794234" \| "5842213" \| "5848415" \| "5870746" \| "5873049" \| "5884310" \| "5911776" \| "5926810" \| "5933837" \| "5937409" \| "5970490" \| "6038565" \| "6061688" \| "6092099" \| "6098128" \| "6101556" \| "6141663" \| "6148307" \| "6151608" \| "6167405" \| "6222533" \| "6301584" \| "6339775" \| "6366921" \| "6615220" \| "6636861").PN. OR ("6792431").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |

| L18 | 44 | ("5291583" \| "5426780" \| "5499371" \| "5542078" \| "5596746" \| "5627979" \| "5694598" \| "5797137" \| "5864843" \| "5870746" \| "5872973" \| "5873093" \| "5878411" \| "5956730" \| "6061515" \| "6076090" \| "6122641" \| "6141660" \| "6163776" \| "6173439"). PN. OR ("6341289"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |
| L19 | 245 | ("4412287" \| "4674044" \| "4677552" \| "4750119" \| "4750135" \| "4774664" \| "4799156" \| "4851811" \| "4876648" \| "4903201" \| "4953085" \| "5063507" \| "5077665" \| "5101353" \| "5103204" \| "5124683" \| "5136501" \| "5239462" \| "5274547" \| "5285383" \| "5297031" \| "5297032" \| "5355115" \| "5375055" \| "5394324" \| "5414838" \| "5453601" \| "5500793" \| "5508913" \| "5560005" \| "5563783" \| "5584025" \| "5587704" \| "5592375" \| "5594409" \| "5611052" \| "5631828" \| "5644726" \| "5644727" \| "5664115" \| "5673402" \| "5689650" \| "5732400" \| "5765141" \| "5765144" \| "5787402" \| "5797133" \| "5799151" \| "5806048" \| "5809483" \| "5812988" \| "5826244" \| "5852811" \| "5864828" \| "5873071" \| "5875437" \| "5878403" \| "5884285" \| "5903879" \| "5905974" \| "5911135" \| "5911136" \| "5920629" \| "5930776" \| "5940812" \| "5946667" \| "5966699" \| "5966700" \| "5978485" \| "5987434" \| "5991745" \| "5995947" \| "6006207" \| "6009407" \| "6012047" \| "6014643" \| "6016482" \| "6023686" \| "6029146" \| "6029149"). PN. OR ("6233566"). | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |

| | | URPN. | | | | |
|---|---|---|---|---|---|---|
| L20 | 59 | ("5301318" \| "5493507" \| "5694579" \| "5870585"). PN. OR ("6053947"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |
| L21 | 169 | ("4725719" \| "4750119" \| "5025372" \| "5276311" \| "5297026" \| "5311594" \| "5397881" \| "5450477" \| "5450479" \| "5513102" \| "5530232" \| "5537314" \| "5563933" \| "5578808" \| "5608785" \| "5864609"). PN. OR ("6032136"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |
| L22 | 234 | ("4837422" \| "5500513"). PN. OR ("5953710"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |
| L23 | 183 | ("3808410" \| "4700295" \| "5421008").PN. OR ("5930764").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |
| L24 | 135 | ("4077059" \| "4558413" \| "4631673" \| "4635189" \| "4646229" \| "4648036" \| "4714992" \| "4853843" \| "4875159" \| "5043871" \| "5155848" \| "5170480" \| "5261094" \| "5276871" \| "5280612" \| "5321832" \| "5333265" \| "5423037" \| "5600834").PN. OR ("5806075").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |
| L25 | 159 | ("5093911" \| "5136716" \| "5317742" \| "5408619" \| "5426747").PN. OR ("5724575").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |
| L26 | 159 | ("5093911" \| "5136716" \| "5317742" \| "5408619" \| "5426747").PN. OR ("5724575").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:42 |
| L27 | 95 | ("4774664" \| "4831526" \| "4914587" \| "4989141" \| "5189608" \| "5193057" \| "5220501" \| "5239462" \| "5272623" \| "5383113"). PN. OR ("5699527"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:43 |

| L28 | 121 | ("3996449" \| "4799258" \| "4941175" \| "4958278" \| "4969188" \| "4984272" \| "5023907" \| "5032979" \| "5053947" \| "5056140" \| "5067154" \| "5210795").PN. OR ("5349643").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:43 |
|---|---|---|---|---|---|---|
| L29 | 107 | ("4903201" \| "4989141").PN. OR ("5220500").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/16 10:43 |
| L30 | 186 | (map$4 translat$3 conver$4) near5 (data information) same (new second different) near5 (form$2) same (updat$3) with (new$2 creat$3) with (record entry file data) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:43 |
| L31 | 194 | (map$4 translat$3 conver$4) near5 (data information attribute) same (new second different) near5 (form$2) same (updat$3) with (new$2 creat$3) with (record entry file data) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:44 |
| L32 | 0 | (map$4 translat$3 conver$4) with (product merchandise item sales) with (data information attribute field) same ("not") with (correpond$3 correlat$3 common) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:47 |
| L33 | 2542 | (map$4 translat$3 conver$4) with (product merchandise item sales) with (data information attribute field) same (correpond$3 correlat$3 common) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:48 |
| L34 | 954 | l33 and ("705".clas. "345".clas. "707".clas. "715".clas.) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:48 |

| L35 | 761 | (map$4 translat$3 conver $4) near5 (product merchandise item sales) near3 (data information attribute field) same (correpond$3 correlat$3 common) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:48 |
|-----|-----|-----|-----|-----|-----|-----|
| L36 | 0 | (map$4 translat$3 conver $4) near5 (product merchandise item sales) near3 (data information attribute field) same ("not") with(correpond$3 correlat$3 common) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:49 |
| L37 | 0 | (product adj common adj model).clm. and (source adj set near2 fields).clm. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:50 |
| L38 | 0 | (synchronizing adj existing adj target adj product). clm. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/08/16 10:51 |
| S1 | 1 | ("6828963").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/06/30 10:43 |
| S2 | 1 | ("20040199536").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/06/30 10:43 |
| S3 | 554 | product adj manag$5 near3 (data information) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/30 14:07 |
| S5 | 54 | S3 and (CAD (computer near3 design)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/30 14:06 |
| S6 | 54 | (product adj manag$5 near3 (data information)) and (CAD (computer near3 design)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/30 14:09 |
| S7 | 64 | "product management" and (CAD (computer near3 design)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/30 16:27 |

| S8 | 8 | (product adj management adj (information data)) and (CAD (computer near3 design)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/30 14:21 |
|---|---|---|---|---|---|---|
| S9 | 74 | (product adj management adj (information data)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/30 16:23 |
| S10 | 6 | (product adj management adj system) and ((computer near3 design) CAD) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2006/06/30 16:25 |
| S11 | 1 | ("5311438").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/06/30 16:27 |
| S12 | 64 | ("20020019765" \| "20020035431" \| "20020085020" \| "20020116234" \| "20020138532" \| "20020169867" \| "20020174417" \| "20020178077" \| "20020184085" \| "20020184148" \| "20020188538" \| "20030023580" \| "20030163597" \| "20030229529" \| "20040015515" \| "20040128188" \| "20040215503" \| "20040249854" \| "20050021391" \| "20060271446" \| "20070203710" \| "20070208577" \| "20070208878" \| "20070214063" \| "20070214064" \| "20070214065" \| "20070226049" \| "20070250419" \| "20070265944" \| "5416917" \| "5446880" \| "5566332" \| "5708828" \| "5727158" \| "5742588" \| "5758355" \| "5970490" \| "6178418" \| "6216130" \| "6226649" \| "6236997" \| "6275812" \| "6336124" \| | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/06/19 21:25 |

| | | "6343275" \| "6377952" \| "6385620" \| "6434567" \| "6463430" \| "6556950" \| "6591260" \| "6631382" \| "6668253" \| "6754679" \| "6778651" \| "6826542" \| "6883004" \| "6889260" \| "6912719" \| "6947947" \| "7043687" \| "7099350" \| "7111077" \| "7124112" \| "7287041").PN. | | | | |
|---|---|---|---|---|---|---|
| S13 | 8 | (product adj manag$5 near3 (data information)) same (hierarchy) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/06/19 23:10 |
| S14 | 332 | map$4 with (product near3 (information data)) and (hierarch$4) with (data information) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/06/19 23:13 |
| S15 | 94 | S14 and "705".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/06/19 23:13 |
| S16 | 196 | (map$4 translat$3) with (enterprise near3 (information data)) and (hierarch$4) with (data information) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/06/19 23:21 |
| S17 | 40 | S16 and "705".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/06/19 23:21 |
| S18 | 0 | (map$4 translat$3) with (enterprise near3 (information data)) and (hierarch$4) with (data information) with intermediate | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/06/19 23:22 |
| S19 | 20 | (map$4 translat$3) with (enterprise near3 (information data)) and (hierarch$4) with (data information) same intermediate | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/06/19 23:22 |
| S20 | 196 | (map$4 translat$3) with (enterprise near3 (information data)) and (hierarch$4) with (data information) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2009/06/19 23:24 |

| S21 | 1 | ("2007021420").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/10/15 14:06 |
|---|---|---|---|---|---|---|
| S22 | 1 | ("20070210420").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/10/15 14:06 |
| S23 | 1 | ("20070214020").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/10/15 14:07 |
| S24 | 3 | (("20020178077") or ("5708828") or ("20040039576")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2010/01/19 08:57 |
| S25 | 64 | ("20020019765" \| "20020035431" \| "20020085020" \| "20020116234" \| "20020138532" \| "20020169867" \| "20020174417" \| "20020178077" \| "20020184085" \| "20020184148" \| "20020188538" \| "20030023580" \| "20030163597" \| "20030229529" \| "20040015515" \| "20040128188" \| "20040215503" \| "20040249854" \| "20050021391" \| "20060271446" \| "20070203710" \| "20070208577" \| "20070208878" \| "20070214063" \| "20070214064" \| "20070214065" \| "20070226049" \| "20070250419" \| "20070265944" \| "5416917" \| "5446880" \| "5566332" \| "5708828" \| "5727158" \| "5742588" \| "5758355" \| "5970490" \| "6178418" \| "6216130" \| "6226649" \| "6236997" \| "6275812" \| "6336124" \| | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/01/19 09:06 |

| | | "6343275" \| "6377952" \| "6385620" \| "6434567" \| "6463430" \| "6556950" \| "6591260" \| "6631382" \| "6668253" \| "6754679" \| "6778651" \| "6826542" \| "6883004" \| "6889260" \| "6912719" \| "6947947" \| "7043687" \| "7099350" \| "7111077" \| "7124112" \| "7287041").PN. | | | | |
|------|------|------|------|------|------|------|
| S26 | 27 | (map$4 translat$3 conver $4) with (product merchandise enterprise) with (data information) same (updat$3) with (new created) with (record entry file) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/01/19 09:24 |
| S27 | 425 | (map$4 translat$3 conver $4) with (data information) same (new second different) with (form$2) same (updat$3) with (new$2 created) with (record entry file data) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/01/19 09:30 |
| S28 | 50 | S27 and "705".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/01/19 09:30 |
| S29 | 155 | (map$4 translat$3 conver $4) with (data information) same (new second different) near3 (form$2) same (updat$3) with (new$2 created) with (record entry file data) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/01/19 09:34 |
| S30 | 21 | S27 and "715".clas. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2010/01/19 09:34 |

## EAST Search History (Interference)

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